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PHOTOGRAPHIC INTERPRETATION REPORT



COMMUNICATIONS FACILITIES WITHIN THE ITATKA AND YURYA ICBM COMPLEXES, USSR

Declass Review by NIMA/DOD

JULY 1965

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COMMUNICATIONS FACILITIES WITHIN THE ITATKA AND YURYA ICBM COMPLEXES, USSR

INTRODUCTION

This report has been prepared in response to NSA [REDACTED] which requests a detailed photographic interpretation of the communication facilities within the Itatka ICBM Complex and within the Yurya ICBM Complex.

The fair quality photography coupled with the general site condition limit interpretation to the extent that a firm antenna count is not possible nor are the actual antenna dimensions obtainable. Accuracy of antenna azimuths is limited to [REDACTED]

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ITATKA COMMUNICATIONS FACILITY

The Itatka Communications Facility at 45-44-00N 85-21-20E is 9.8 nautical miles (nm) southwest of the Complex Support Facility of the Itatka ICBM Complex.

The facility is served by an improved road which terminates at the facility's 140-by-45-foot main control building (Figures 1 and 2). Six general support buildings are in the southwest corner of the facility along with several smaller miscellaneous buildings.

There are 4 antennas visible: 1 double day/night pair of III' rhombic antennas oriented westward and 1 day/night pair of III' "V" antennas oriented north-northwest. Measurements, including azimuths, are given on Figure 2; however, it should be noted that the antennas have been identified by the configuration of areas cleared of vegetation. Therefore the dimensions of the actual antennas are only approximate. Transmission lines can be observed radiating from the control building and terminating at each antenna.

The site is fence secured and is compatible with the signature of other known ICBM,

IRBM, and MRBM communications facilities.

The facility is connected by road to the primary road network which serves the entire area.

YURYA COMMUNICATIONS FACILITY

Yurya Communications Facility is at 59-06-10N 49-18-30E, just 2.0 nm from the Complex Support Facility of the Yurya ICBM Complex. Extremely heavy vegetation surrounding the antennas (Figure 3) limits interpretation to such an extent that a firm count of antennas cannot be documented; however, some probable antenna locations have been included and shown on Figure 4. One pair of horizontal dipoles have been dimensioned, but this measurement should be considered only approximate.

Access to the site is by way of an improved road which terminates at the [REDACTED] main control building. A second building, [REDACTED] may also serve primarily as a control building. There are 5 other general support buildings and 2 smaller buildings within the control area.

The antennas, which are oriented southwest and south-southeast, include 1 pair of horizontal dipoles (2 antennas), 1 possible "V" antenna, 1 pair of probable horizontal dipoles, and 2 probable horizontal dipole antennas. Azimuths have been given on Figure 4 for the antennas for which the orientation can be determined with a reasonable degree of confidence.

The facility is connected by road to the primary road network which serves the entire area.

The antennas numbered on Figures 2 and 4 are keyed to the Location and Probable Correspondents Map, Figure 5.

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FIGURE 1. PHOTO OF ITATKA COMMUNICATIONS FACILITY.

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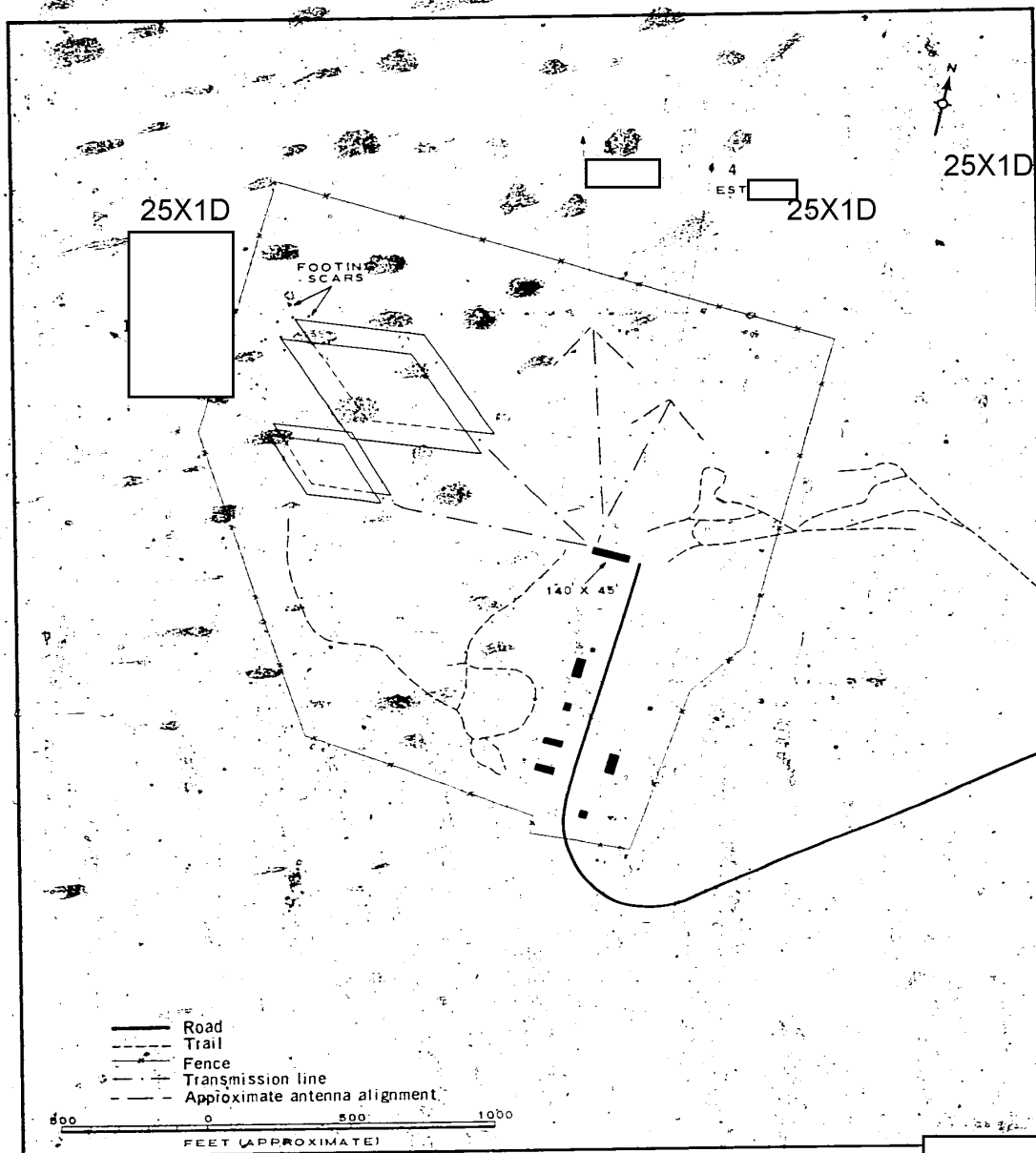


FIGURE 2. ITATKA COMMUNICATIONS FACILITY.

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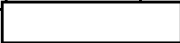
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FIGURE 3. PHOTO OF YURYA COMMUNICATIONS FACILITY.

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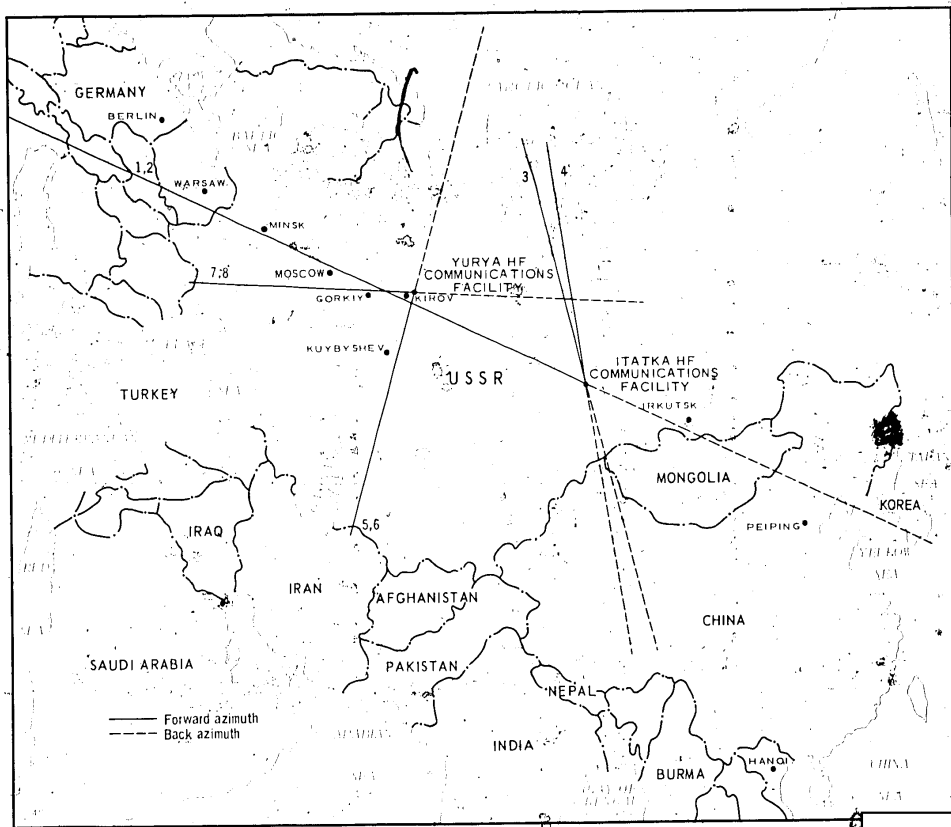


FIGURE 5. LOCATION AND PROBABLE CORRESPONDENTS MAP PLOTTED ON A GNOMONIC PROJECTION.

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REFERENCES

PHOTOGRAPHY

MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0155-8HL, 4th ed, Sep 63, scale 1:200,000 (SECRET)

ACIC. US Air Target Chart, Series 200, Sheet 0155-24A, 1st ed, May 59, scale 1:200,000 (SECRET)

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